



FORM PTO-1449 (Modified)	Attorney Docket No.: 18852-000500US	Application No.: 09/255,397
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	Applicant: George N. Serbedzija et al.	
	Filing Date: February 22, 1999	Group: 1744 1632

Reference Designation			U.S. PATENT DOCUMENTS			Page 1
Examiner Initial	Document No.	Date	Name	Class	Sub-class	Filing Date (Appropriate)
<u>RRS</u> AA	5,744,499	4/28/98	Quash et al.	514	639	1/4/99
<u>RRS</u> AB	5,681,703	10/28/97	Tomei	435	6	12/15/97
<u>RRS</u> AC	5,672,470	9/30/97	Hengstenberg et al.	435	4	
<u>RRS</u> AD	5,658,751	8/19/97	Yue et al.	435	34	
<u>RRS</u> AE	5,573,909	11/12/96	Singer et al.	435	6	
<u>RRS</u> AF	5,510,099	4/23/96	Short et al.	424	9.2	
<u>RRS</u> AG	5,506,208	4/9/96	Eyal et al.	514	17	1700
<u>RRS</u> AH	5,491,084	2/13/96	Chalfie et al.	435	189	12/15/97
<u>RRS</u> AI	5,326,692	7/5/94	Brinkley et al.	435	6	
<u>RRS</u> AJ	4,964,615	10/23/90	Mueller et al.			
<u>RRS</u> AK	4,816,392	3/28/89	Hokama			
<u>RRS</u> AL	4,286,983	9/1/81	Van Gilse et al.	71	67	
<u>RRS</u> AM	4,220,858	9/2/80	Ikeguchi et al.	250	343	

FOREIGN PATENT DOCUMENTS						
	Document No.	Date	Country	Class	Sub-class	Translation (Yes/No)
<u>RRS</u> AN	WO 98/31787	07/23/98	PCT			YES
<u>RRS</u> AO	2 080 948 A	2/10/82	GB			

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)	
<u>RRS</u> AP	Amsterdam et al., "Requirements for green fluorescent protein detection in transgenic zebrafish embryos", <u>Gene</u> , 173: 99-103 (1996).
<u>RRS</u> AQ	Armant et al., "Exposure of Embryonic Cells to Alcohol: Contrasting Effects During Preimplantation and Postimplantation Development", <u>Seminars in Perinatology</u> , 20(2): 127-139 (April 1996).
<u>RRS</u> AR	Bakkers et al., "An important developmental role for oligosaccharides during early embryogenesis of cyprinid fish", <u>Pro. Natl. Acad. Sci. USA</u> , 94: 7982-7986 (July 1997).
<u>RRS</u> AS	Baumann et al., "Bipartite Axiation Follows Incomplete Epiboly in Zebrafish Embryos Treated With Chemical Teratogens", <u>The Journal of Experimental Zoology</u> , 230: 363-376 (1984).
<u>RRS</u> AT	Bechter et al., "Teratogenicity of arotinoids (retinoids): comparison of the whole embryo culture system with the in vivo mouse model and the limb bud cell culture assay", <u>Teratol.</u> 44: 29A (1991).
<u>RRS</u> AU	Becker et al., "Teratogenic Actions of Ethanol in the Mouse: A Minireview", <u>Pharmacol. Biochem. Behav.</u> , 55(4): 501-513 (1996).
<u>RRS</u> AV	Birge et al., "Acetaminophen Hepatotoxicity: Correspondence of Selective Protein Arylation in Human and Mouse Liver <i>in Vitro</i> , in Culture, and <i>in Vivo</i> ", <u>Toxicol. Applied Pharmacol.</u> , 105: 472-482 (1990).
<u>RRS</u> AW	Boehm, et al., "Antiangiogenic therapy of experimental cancer does not induce acquired drug resistance", <u>Nature</u> , 390: 404-407 (1997).
<u>RRS</u> AX	Bonn, "Blocking angiogenesis in diabetic retinopathy", <u>Lancet</u> , 348: 604 (1996).
<u>RRS</u> AY	Breier et al., "Angiogenesis in Embryos and Ischemic Diseases", <u>Thromb. Haemost.</u> , 78(1): 678-683 (1997).
<u>RRS</u> AZ	Bresch, "Early Life-Stage Test in Zebrafish versus a Growth Test in Rainbow Trout to Evaluate Toxic Effects", <u>Bull. Environ. Contam. Toxicol.</u> , 46: 641-648 (1991).

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RRS BA	Buchmann et al., "Immunohistochemical Localization of the Cytochrome P450 Isozymes LM4A and LM4B (P4501A1) in 2,3,7,8-Tetrachlorodibenzo- <i>p</i> -dioxin Treated Zebrafish ( <i>Brachydanio rerio</i> )", <u>Toxicol. Appl. Pharmacol.</u> 123: 160-169 (1993).		
RRS BB	Chen et al., "Mutations affecting the cardiovascular system and other internal organs in zebrafish", <u>Development</u> 123: 293-302 (1996).		
RRS BC	Chatot et al., "Successful Culture of Rat Embryos on Human Serum: Use in the Detection of Teratogens", <u>Science</u> , 207: 1471-1473 (1980).		
RRS BD	Chow et al., "The nuclear receptor transcription factor, retinoid-related orphan receptor $\beta$ , regulates retinal progenitor proliferation", <u>Mech. Dev.</u> , 77(2): 149-164 (1998).		
RRS BE	Cicurel et al., "Post-implantation embryo culture: validation with selected compounds for teratogenicity testing", <u>Xenobiotica</u> , 18(6): 617-624 (1988).		
RRS BF	Clarke, "Developmental cell death: morphological diversity and multiple mechanisms", <u>Anat. Embryol.</u> , 184: 195-213 (1990).		
RRS BG	Collodi et al., "Induction of zebrafish ( <i>Brachydanio rerio</i> ) P450 <i>in vivo</i> and in cell culture", <u>Xenobiotica</u> , 18(6): 487-493 (1994).		
RRS BH	Couffignal et al., "Animal Model, Mouse Model of Angiogenesis", <u>Am. J. Pathol.</u> , 152(6): 1667-1679 (June 1998).		
RRS BI	Dawson, "Additive Incidence of Developmental Malformation for <i>Xenopus</i> Embryos Exposed to a Mixture of Ten Aliphatic Carboxylic Acids", <u>Teratology</u> , 44: 531-546 (1991).		
RRS BK	Debus et al., "Nematode Test to Estimate the Hazard Potential of Solved Contaminations", <u>Chemosphere</u> , 29(3): 611-621 (1994).		
RRS BL	Drake et al., "Exogenous vascular endothelial growth factor induces malformed and hyperfused vessels during embryonic neovascularization", <u>Proc. Natl. Acad. Sci. U.S.A.</u> , 92: 7657-7661 (August 1995).		
RRS BM	Dubois et al., "DNA adducts and P450 induction in human, rat and avian liver cells after exposure to polychlorobiphenyls", <u>Mutation Res.</u> , 345: 181-190 (1995).		
RRS BN	Dumont et al., "Vascularization of the Mouse Embryo: A Study of <i>flk-1</i> , <i>tek</i> , <i>tie</i> , and Vascular Endothelial Growth Factor Expression During Development", <u>Development Dynamics</u> , 203: 80-92 (1995).		
RRS BO	Eisses, "Teratogenicity and Toxicity of Ethylene Glycol Monomethyl Ether (2-Methoxyethanol) in <i>Drosophila melanogaster</i> : Involvement of Alcohol Dehydrogenase Activity", <u>Teratog. Carcinog. Mutagen.</u> , 9: 315-325 (1989).		
RRS BP	Ellies et al., "Specific craniofacial cartilage dysmorphogenesis coincides with a loss of <i>dlx</i> gene expression in retinoic acid-treated zebrafish embryos", <u>Mechanisms of Development</u> , 61: 23-36 (1997).		
RRS BQ	Ensenbach et al., "Toxicity of Complex Chemical Mixtures: Acute and Long-Term Effects on Different Life Stages of Zebrafish ( <i>Brachydanio rerio</i> )", <u>Ecotoxicology and Environmental Safety</u> , 30: 151-157 (1995).		
RRS BR	Feucht et al., "VEGF Induces Cardiovascular Malformation and Embryonic Lethality", <u>Am. J. Pathology</u> , 151(5):1407-1416 (November 1997).		
RRS BS	Folkman, "Clinical Applications of Research on Angiogenesis", <u>N. Eng. J. Med.</u> , 333(26): 1757-1763 (December 28, 1995).		
RRS BT	Fort et al., "Phase III Interlaboratory Study of Fetax, Part 2: Interlaboratory Validation of an Exogenous Metabolic Activation System for Frog Embryo Teratogenesis Assay-Xenopus (Fetax)", <u>Drug and Chem. Toxicol.</u> , 21(1): 1-14 (1998).		
RRS BU	Fouquet et al., "Vessel Patterning in the Embryo of the Zebrafish: Guidance by Notochord", <u>Developmental Biology</u> , 183: 37-48 (1997).		
RRS BV	Frank et al., "Residues of Insecticides, Fungicides, and Herbicides on Ontario-Grown Vegetables, 1980-1985", <u>J. Assoc. Off. Anal. Chem.</u> , 70(6): 1081-1086 (1987).		
RRS BW	Gavrieli et al., "Identification of Programmed Cell Death In Situ via Specific Labeling of Nuclear DNA Fragmentation", <u>J. Cell Biol.</u> , 119(3): 493-501 (November 1992).		
RRS BX	Granato et al., "Fishing for genes controlling development", <u>Cur. Op. Gen. Dev.</u> , 6: 461-468 (1996).		
RRS BY	Guest et al., "Evaluation of the rat embryo culture system as a predictive test for human teratogens", <u>Can. J. Physiol. Pharmacol.</u> , 72: 57-62 (1994).		

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<u>RRS</u> BZ	Hammerschmidt et al., "Genetic analysis of dorsoventral pattern formation in the zebrafish: requirement of a BMP like ventralizing activity and its dorsal repressor", <u>Genes and Devel.</u> , 10: 2452-2461 (1996).		
<u>RRS</u> CA	Hanahan, "Signaling Vascular Morphogenesis and Maintenance", <u>Science</u> , 277: 48-50 (July 4, 1997).		
<u>RRS</u> CB	Heller et al., "Discovery and analysis of inflammatory disease-related genes using cDNA microarrays", <u>Proc. Natl. Acad. Sci. USA</u> , 94: 2150-2155 (March 1997).		
<u>RRS</u> CC	Herbst et al., "Differential Effects of Laminin, Intact Type IV Collagen, and Specific Domains of Type IV Collagen on Endothelial Cell Adhesion and Migration", <u>J. Cell Biol.</u> , 106: 1365-1373 (April 1988).		
<u>RRS</u> CD	Hetts, "To Die or Not to Die: An Overview of Apoptosis and its Role in Disease", <u>JAMA</u> , 279(4): 300-307 (January 28, 1998).		
<u>RRS</u> CE	Hitchcock et al., "Investigations into Using the Nematode <i>Caenorhabditis elegans</i> for Municipal and Industrial Wastewater Toxicity Testing", <u>Arch. Environ. Contam. Toxicol.</u> , 33: 252-260 (1997).		
<u>RRS</u> CF	Hunt et al., "A distinct Hox code for the branchial region of the vertebrate head", <u>Nature</u> , 353: 861-864 (October 31, 1991).		
<u>RRS</u> CG	Iida et al., "Suppression of arachidonic acid cascade-mediated apoptosis in aflatoxin B1-induced rat hepatoma cells by glucocorticoids", <u>Carcinogenesis</u> , 19(7): 1191-1202 (1998).		
<u>RRS</u> CH	Jain et al., "Quantitative angiogenesis assays: Progress and problems", <u>Nat. Med.</u> , 3(11): 1203-1208 (November 1997).		
<u>RRS</u> CI	Kerbel, "A cancer therapy resistant to resistance", <u>Nature</u> , 390: 335-336 (November 27, 1997).		
<u>RRS</u> CJ	Kerr et al., "Apoptosis: A Basic Biological Phenomenon With Wide-Ranging Implications in Tissue Kinetics", <u>Br. J. Cancer</u> , 26: 239-257 (1972).		
<u>RRS</u> CK	Knight, "Adverse Drug Reactions in Neonates", <u>J. Clin. Pharmacol.</u> , 34: 128-135 (1994).		
<u>RRS</u> CL	Law et al., "Hepatotoxicity of the drinking water disinfection by-product, dichloroacetic acid, in the medaka small fish model", <u>Toxicol. Letters</u> , 94: 19-27 (1998).		
<u>RRS</u> CM	Liao et al., "The zebrafish gene <i>cloche</i> acts upstream of a <i>flk-1</i> homologue to regulate endothelial cell differentiation", <u>Development</u> , 124: 381-389 (1997).		
<u>RRS</u> CN	Liepins et al., "Cell Injury and Apoptosis", <u>Scanning Microscopy</u> , 8(3): 631-643 (1994).		
<u>RRS</u> CO	Long et al., " <i>GATA-1</i> expression pattern can be recapitulated in living transgenic zebrafish using GFP reporter gene", <u>Development</u> , 124: 4105-4111 (1997).		
<u>RRS</u> CP	Losordo et al., "Gene Therapy for Myocardial Angiogenesis: Initial Clinical Results With Direct Myocardial Injection of phVEGF <sub>165</sub> as Sole Therapy for Myocardial Ischemia", <u>Circulation</u> , 98: 2800-2804 (1998).		
<u>RRS</u> CQ	Marret et al., "Caffeine-induced disturbances of early neurogenesis in whole mouse embryo cultures", <u>Brain Research</u> , 773: 213-216 (1997).		
<u>RRS</u> CR	McDanell et al., "Effect of Dietary Fat on the <i>In Vitro</i> Hepatotoxicity of Paracetamol", <u>Biochemical Pharmacology</u> , 44(7): 1303-1306 (1992).		
<u>RRS</u> CS	Mizell et al., "The aquatic vertebrate embryo as a sentinel for toxins: zebrafish embryo dechoriation and perivitelline space microinjection", <u>Int. J. Dev. Biol.</u> , 41: 411-423 (1997).		
<u>RRS</u> CT	Monteith et al., "Comparison of Tacrine-Induced Cytotoxicity in Primary Cultures of Rat, Mouse, Monkey, Dog, Rabbit, and Human Hepatocytes", <u>Drug and Chem. Toxicol.</u> , 19(1&2): 59-70 (1996).		
<u>RRS</u> CU	Muller et al., "Effect of Concentration on the Cytotoxic Mechanism of Doxorubicin-Apoptosis and Oxidative DNA Damage", <u>Biochem. Biophys. Res. Comm.</u> , 230(2): 254-257 (1997).		
<u>RRS</u> CV	Mundle et al., "Two <i>in Situ</i> Labeling Techniques Reveal Different Patterns of DNA Fragmentation during Spontaneous Apoptosis <i>In Vivo</i> and Induced Apoptosis <i>In Vitro</i> ", <u>Anticancer Res.</u> , 15: 1895-1904 (1995).		
<u>RRS</u> CW	O'Reilly et al., "Endostatin: An Endogenous Inhibitor of Angiogenesis and Tumor Growth", <u>Cell</u> , 88: 277-285 (January 24, 1997).		
<u>RRS</u> CX	Relou et al., "Effect of culture conditions on endothelial cell growth and responsiveness", <u>Tissue &amp; Cell</u> , 30(5): 525-530 (1998).		
<u>RRS</u> CY	Rivard et al., "Age-Dependent Impairment of Angiogenesis", <u>Circulation</u> , 99: 111-120 (1999).		

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		Filing Date: February 22, 1999	Group: 174# 1632
<u>RRS</u> <del>CZ</del>	Roebuck et al., "A Review of the Neuroanatomical Findings in Children with Fetal Alcohol Syndrome or Prenatal Exposure to Alcohol", <u>Alcoholism: Clin. Exper. Res.</u> , 22(2): 339-344 (April 1998).		
<u>RRS</u> <del>DA</del>	Serbedzija et al., "Regulation in the heart field of zebrafish", <u>Development</u> , 125: 1095-1101 (1999).		
<u>RRS</u> <del>DB</del>	Serbedzija et al., "Analysis of Neural Crest Cell Migration in Splotch Mice Using a Neural Crest-Specific LacZ Reporter", <u>Developmental Biology</u> , 185: 139-147 (1997).		
<u>RRS</u> <del>DC</del>	Serbedzija et al., "Cell Death in the CNS of the Wnt-1 Mutant Mouse", <u>J. Neurobio.</u> , 31(3): 275-282 (1996).		
<u>RRS</u> <del>DE</del>	Serbedzija et al., "Vital dye analysis of cranial neural crest cell migration in the mouse embryo", <u>Development</u> , 116: 297-307 (1992).		
<u>RRS</u> <del>DE</del>	Serbedzija et al., "Developmental potential of trunk neural crest cells in the mouse", <u>Development</u> , 120: 1709-1718 (1994).		
<u>RRS</u> <del>DG</del>	Semino et al., "Synthesis of 'Nod'-like chitin oligosaccharides by the <i>Xenopus</i> developmental protein DG42", <u>Proc. Natl. Acad. Sci. USA</u> , 92: 3498-3501 (April 1995).		
<u>RRS</u> <del>DH</del>	Semino et al., "Expression of <i>Rhizobium</i> Chitin Oligosaccharide Fucosyltransferase in Zebrafish Embryos Disrupts Normal Development", <u>Annals New York Academy of Sciences</u> , 842: 49-54 (1998).		
<u>RRS</u> <del>DI</del>	Semino, C. et al., "Homologs of the <i>Xenopus</i> developmental gene <i>DG-42</i> are present in zebrafish and mouse and are involved in the synthesis of Nod-like chitin oligosaccharides during early embryogenesis", <u>Proc. Natl. Acad. Sci. USA</u> , 93: 4548-4553 (May 1996).		
<u>RRS</u> <del>DJ</del>	Singer, "Sensitive Fluorescent Stains for Detecting Nucleic Acids in Gels and Solutions", <u>Biotechnol. Intl.</u> , 1: 267-276 (1997).		
<u>RRS</u> <del>DK</del>	Stainier et al., "Mutations affecting the formation and function of the cardiovascular system in the zebrafish embryo", <u>Development</u> , 123: 285-292 (1996).		
<u>RRS</u> <del>DL</del>	Stainier et al., "The Zebrafish as a Model System to Study Cardiovascular Development", <u>Trends Cardiovasc. Med.</u> , 4(5): 207-212 (1994).		
<u>RRS</u> <del>DM</del>	Steller, "Mechanisms and Genes of Cellular Suicide", <u>Science</u> , 267: 1445-1449 (March 10, 1995).		
<u>RRS</u> <del>DN</del>	Stringer et al., "Rapid Measurement of Toxicity Using Electrochromic Dyes and Frog Embryos", <u>Bull. Environ. Contam. Toxicol.</u> , 51: 557-563 (1993).		
<u>RRS</u> <del>DO</del>	Thompson, C.B., "Apoptosis in the Pathogenesis and Treatment of Disease", <u>Science</u> , 267: 1456-1462 (March 10, 1995).		
<u>RRS</u> <del>DP</del>	Thompson, M.A. et al., "The <i>cloche</i> and <i>spadetail</i> Genes Differentially Affect Hematopoiesis and Vasculogenesis", <u>Dev. Biol.</u> , 197: 248-269 (1998).		
<u>RRS</u> <del>DQ</del>	Turk et al., "Synthetic Analogues of TNP-470 and Ovalicin Reveal a Common Molecular Basis for Inhibition of Angiogenesis and Immunosuppression", <u>Bioorganic &amp; Medicinal Chemistry</u> , 6: 1163-1169 (1998).		
<u>RRS</u> <del>DR</del>	Ungvary et al., "Combined Embryotoxic Action of Toluene, a Widely Used Industrial Chemical, and Acetylsalicylic Acid (Aspirin)", <u>Teratology</u> , 27: 261-269 (1983).		
<u>RRS</u> <del>DS</del>	Van Leeuwen et al., "Fish Embryos as Teratogenicity Screens: A Comparison of Embryotoxicity between Fish and Birds", <u>Ecotoxicol. Environ. Safety</u> , 20: 42-52 (1990).		
<u>RRS</u> <del>DT</del>	Weinstein et al., " <i>gridlock</i> , a localized heritable vascular patterning defect in the zebrafish", <u>Nature Med.</u> , 1(11): 1143-1147 (November 1995).		
<del>DU</del>	<del>Westerfield, <u>The Zebrafish Book: A Guide for the Laboratory Use of Zebrafish (<i>Danio rerio</i>*)</u>, 3d edition, (1993).</del>		
<del>DV</del>	<del>Wylie, Zebrafish Issue, Title page and Table of Contents, i-ii, <u>Development</u>, 123: 1-481 (1996).</del>		
<u>RRS</u> <del>DW</del>	Wolff et al., "Dexamethasone Increases Hepatotoxicity of MTX in Children with Brain Tumors," <u>Anticancer Res.</u> , 18: 2895-2900 (1998).		
<u>RRS</u> <del>DX</del>	Zetter, "Angiogenesis and Tumor Metastasis", <u>Annual Rev. Med.</u> , 49: 407-424 (1998).		
EXAMINER	<u>RRS</u>	DATE CONSIDERED	12/2/99

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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)					
RRS AA	Kim et al., "Requirement for Specific Proteases in Cancer Cell Intravasation as Revealed by a Novel Semiquantitative PCR-Based Assay," <u>Cell</u> 94:353-362 (August 7, 1998).				
RRS AB	Muller et al., "Effect of Concentration on the Cytotoxic Mechanism of Doxorubicin -- Apoptosis and Oxidative DNA Damage," <u>Biochem. Biophys. Res. Communications</u> 230:254-257 (1997).				
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